

TRI-PARTY AGREEMENT

Change Notice Number TPA-CN- 564	TPA CHANGE NOTICE FORM	Date: 1/28/2013
Document Number, Title, and Revision: DOE/RL-2009-80, Investigation Derived Waste Purgewater Management Work Plan, Revision 0		Date Document Last Issued: September 2009
Originator: Bob Cathel		Phone: 373-9171

Description of Change:

Allow altered screening samples from the Pump & Treat facilities and field screening activities to be managed at the 600 Area Modular Storage Units.

B. Charboneau and D. Einan agree that the proposed change
DOE **Lead Regulatory Agency**
modifies an approved workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan,
Section 9.0, *Documentation and Records*, and not Chapter 12.0, *Changes to the Agreement*.

Section 4.2.1, Inspections (page 7, 1st paragraph), is changed by adding the double underlined text and deleting the
~~strikeout~~ text as follows:

The results of the inspections are documented in facility records-a field logbook.

Section 6.2.1, Projected Waste Streams (page 12), is changed by adding the double underlined text as follows:

- Waste water from decontamination and instrument calibration activities (e.g., sampling equipment and cleaning of
purgewater truck tanks) as well as altered screening samples from Pump-and-Treat facilities and field screening
activities.

Section 6.2.4.2, Decontamination and Calibration Fluids, is changed by adding the double underlined text as follows:

6.2.4.2 Decontamination and Calibration Fluids, and Altered Screening Samples

Additional chemical decontamination of sample equipment may be conducted at the Waste Sampling and
Characterization Facility (WSCF) because decontamination and containment systems already are established at
this location. Decontamination fluids may be managed at the 600 Area Modular Storage Units as needed.



Fluids from the calibration and calibration checks of sampling instruments (e.g. pH probes, Oxidation-Reduction
Potential meters and probes, etc.), as well as altered screening samples from Pump-and-Treat facilities and field
screening activities, may be managed at the 600 Area Modular Storage Units as needed.

Justification and Impacts of Change:

Samples of purgewater taken for field screening at the well head or from pump-and-treat systems are tested for Cr6+
typically using Hach® reagent kits. These altered screening samples are collected and managed at the Effluent
Treatment Facility. The volume of altered screening sample waste is very low (< 10 gallons / month) compared to
purgewater generation. Managing this waste stream at the 600 Area Modular Storage Units will realize a significant
operational efficiency.

Also, the Effluent Treatment Facility (ETF) does not operate continuously and has a history of periodically being
unavailable to receive liquids at the ETF. Liquids that are not received directly at the ETF are received at the Liquid
Effluent Retention Facility (LERF). The continued availability of the ETF is in question as discussions are ongoing with
respect to placing ETF into min-safe status.

Approvals:

 DOE Project Manager	<u>18 Mar 13</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
 EPA Project Manager	<u>18 Mar 13</u> Date	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
N/A Ecology Project Manager	 Date	<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved